



**Professional Services Agreement
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 29
AGENDA DATE: Thu 11/17/2005
PAGE: 1 of 8**

SUBJECT: Authorize negotiation and execution of a professional services agreement with each of the following six firms: TURNER COLLIE & BRADEN, INC., Austin, TX; CAMP DRESSER & MCKEE, INC., Austin, TX; ALAN PLUMMER ASSOCIATES, INC., Austin, TX; BLACK & VEATCH CORPORATION, Austin, TX; WESTON SOLUTIONS, INC., Austin, TX; and CH2M HILL, INC., Austin, TX for engineering design services for the Water Transmission Main Rotation List 2005-2007 for an estimated period of two years or until financial authorization is expended in an amount not to exceed \$5,500,000 with a total of six agreements not to exceed \$5,500,000 (estimated approximately \$1,000,000 each of the first four top ranked firms and \$750,000 for each of the next two ranked firms).

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$5,500,000 is available in the Fiscal Year 2005-2006 Capital and/or Operating Budget of the Austin Water Utility for which services are needed.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

REQUESTING Public Works **DIRECTOR'S**
DEPARTMENT: for Austin Water Utility; **AUTHORIZATION:** Sondra Creighton

FOR MORE INFORMATION CONTACT: Mike Boyle, 972-0252; Felix Benavides, 974-7027; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: Recommended by the Water and Wastewater Commission.

PURCHASING: Best qualification statements of 37 received.

MBE / WBE: 16.5% MBE and 14.2% WBE subcontractor participation.

Projected peak day demands for the City exceed the capacity of the existing treatment system. The City, therefore, is seeking to add capacity. Additional capacity will require improvements to the transmission system to move this water into the distribution system. The purpose of this rotation list is to provide design for the additional transmission capacity for the City's water system. Several sections of water transmission mains are proposed for design. Many will be in Northwest Austin. Other areas include the Elroy Transmission Main and service to the Robert Mueller Municipal Airport Redevelopment site. Still others may be identified during the term of the contract.

The selected engineering firms will review previous studies and models prepared by City staff and other engineering consultants. Other tasks may include developing a schedule for implementing the improvements and estimating construction costs. Upon written authorization, the engineering firms will conduct or acquire the necessary field surveys, soils, and peripheral investigations for final design of the transmission mains and prepare final detailed plans, specifications, contract documents and cost estimates for the construction of project improvements as approved by the City of Austin. The Engineer will also assist in advertising the project for bids and developing construction contract(s).



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The construction phase professional services which may be provided by the selected consultant are: periodic visits to the job site to review the progress and quality of the work; review of periodic payment estimates; review and approval of shop drawings and necessary change orders; interpretation of plans, specifications, and other contract documents as required; project reviews with the contractor and the City; preparation of as-built drawings of the completed facilities; and other necessary services associated with the Engineer's design as applied to the construction processes.

This request allows for the development of a professional services agreement with each of the six (6) recommended firms. If the City is unsuccessful in negotiating a satisfactory agreement with a recommended firm(s), if a selected firm ceases practice during the contract period or if the City elects to terminate its agreement with any of the selected firms, the remaining assignments will be distributed among the remaining firms as equally as possible.

Participation goals stated in the solicitation were 16.5% MBE; 14.2% WBE. The recommended firms provided an M/WBE Compliance Plan that was approved by the Department of Small and Minority Business Resources.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to 233 firms on June 10, 2005. The RFQ was obtained by 68 firms, and 37 firms submitted qualification statements. Seven of the firms were certified M/WBE firms. The evaluation of the submittals of the 37 firms results in the following recommendation:



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RECOMMENDED FIRM: TURNER COLLIE & BRADEN, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Turner Collie & Braden, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS

African American Subtotal

(FB) Group Solutions RJW, Austin, TX
(communication, public relations consulting)

Hispanic Subtotal

(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)
(MH) Macias & Associates, Inc., Austin, TX (surveying)

Asian American Subtotal

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS

(FR) Hicks & Co. Environmental/Archeological Consultants, Austin, TX
(archeological consulting, environmental consulting and impact studies)

NON M/WBE TOTAL – SUBCONSULTANTS

Brierley Associates, LLC, Austin, TX (geotechnical soils engineering, construction tunnel)
Fugro Consultants, LP, Austin, TX (geotechnical soils engineering, laboratory and field testing services, boring, drilling, testing & soundings)



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RECOMMENDED FIRM: CAMP DRESSER & MCKEE, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Camp Dresser & McKee, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS

African American Subtotal

(MB) HVJ & Associates, Inc., Austin, TX %
(civil engineering, geotechnical-soils, boring, drilling, testing & soundings)

Hispanic Subtotal

(MH) Macias & Associates, Inc., Austin, TX
(land surveying, utility locator services)
(MH) UltraCADD, Austin, TX
(computer assisted design services)

Asian American Subtotal

(MA) Gupta & Associates, Inc., Austin, TX (pipeline design review,
technical advisory support)

WBE TOTAL – SUBCONSULTANTS

(FR) AK Young Associates, Austin, TX (site permit,
environmental, landscape architecture)
(FR) Axiom Engineers, Inc., Austin, TX (civil engineering,
site assessment, traffic & transportation)

NON M/WBE TOTAL – SUBCONSULTANTS

Fugro Consultants, Austin, TX (mining & quarry services, boring drilling)



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RECOMMENDED FIRM: ALAN PLUMMER ASSOCIATES, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME

Alan Plummer Associates, Inc., Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS

African American Subtotal

(MB) HVJ & Associates, Inc., Austin, TX (geotechnical engineering)

Hispanic Subtotal

(MH) Martinez, Wright & Mendez, Inc., Austin, TX (civil engineering)

(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)

WBE TOTAL – SUBCONSULTANTS

(FR) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying services)

(FR) Hicks & Company, Inc., Austin, TX (environmental impact studies, engineering and consulting)

NON M/WBE TOTAL – SUBCONSULTANTS

Fugro Consultants, LP, Austin, TX (tunneling engineering, trenchless technology)

Brierley Associates, LLC, Austin, TX (tunneling engineering, trenchless technology)



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RECOMMENDED FIRM: BLACK & VEATCH CORPORATION, AUSTIN, TX – Total Participation:

**NON M/WBE TOTAL – PRIME
Black & Veatch Corporation, Inc., Austin, TX**

MBE TOTAL – SUBCONSULTANTS

African American Subtotal

- (MB) Foster CM Group, Inc, Austin, TX (project scheduling)
- (MB) HVJ Associates, Austin, TX (geotechnical-soils, civil engineering, boring, drilling, testing & soundings, traffic & transportation)
- (FB) Group Solutions RJW, Austin, TX (communications, public relations consulting)

Hispanic Subtotal

- (MH) Macias & Associates, Inc., Austin, TX (utility locator service, aerial photogrammetry, land surveying)

WBE TOTAL – SUBCONSULTANTS

- (FR) AK Young Associates, Austin, TX (environmental consultanting)
- (FR) Hill Country Environmental, Inc., Austin, TX (environmental consulting, engineering, impact studies)
- (FR) Vickrey & Associates, Inc., Austin, TX (surveying)

NON M/WBE TOTAL – SUBCONSULTANTS

Espey Consultants, Inc., Austin, TX (civil engineering)



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RECOMMENDED FIRM: WESTON SOLUTIONS, INC., AUSTIN, TX – Total Participation:

NON M/WBE TOTAL – PRIME
Weston Solutions, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS

Hispanic Subtotal

- (MH) UltraCADD, Austin, TX (computer system design services)
- (MH) Ecological Communications Corporation, Austin, TX
(environmental impact studies)
- (MH) Macias & Associates, Inc., Austin, TX (surveying, utility locator service)

Asian American Subtotal

- (MA) Raymond Chan & Associates, Austin, TX (civil engineering)
- (MA) All Points Inspection, Inc., Austin, TX (construction inspection)

WBE TOTAL – SUBCONSULTANTS

- (FR) AK Young Associates, Austin, TX (environmental consulting)
- (FR) Holt Engineering, Inc., Austin, TX (geotechnical engineering)
- (FR) WHM Transportation Engineering, Austin, TX (traffic & transportation engineering)
- (FR) Landmark Surveying, Inc., Austin, TX (surveying)
- (FR) Dynamic Reprographics, Inc., Austin, TX (copying / plan reproduction)

NON M/WBE TOTAL – SUBCONSULTANTS

- SubTerra, Inc., North Bend, WA (tunnel engineering/trenchless technology)
- Woodruff Geologic Consulting, Inc., Austin, TX (geological)



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RECOMMENDED FIRM: CH2M HILL, INC., AUSTIN, TX – Total Participation:

**NON M/WBE TOTAL – PRIME
CH2M Hill, Inc., Inc., Austin, TX**

MBE TOTAL – SUBCONSULTANTS

African American Subtotal

- (FB) Group Solutions RJW, Austin, TX (public relations consulting)
- (FB) CPM, Austin, TX (inspecting, general inspecting, structural)
- (MB) HVJ Associates, Austin, TX (geotechnical soils)

Hispanic Subtotal

- (MH) Gorrondona & Associates, Inc., Austin, TX (utility locator services)
- (MH) Martinez Corp, Austin, TX (aerial photogrammetry, aerial photography, mapping services)

WBE TOTAL – SUBCONSULTANTS

- (FR) Hicks and Company, Austin, TX (archeological consulting, environmental consulting-incl. sustainability)
- (FR) A K Young Associates, Austin, TX (building permit services)
- (FR) McGray & McGray Land Surveyors, Austin, TX (land surveying)
- (FH) Kurkjian Engineering, Corp., Austin, TX (civil engineering)

NON M/WBE TOTAL – SUBCONSULTANTS

- Woodruff Geologic Consulting, Inc., Austin, TX (geologist)
- DLS Associates, Austin, TX (environmental impact studies)

No. 110205-A
WATER AND WASTEWATER COMMISSION RESOLUTION
PROFESSIONAL SERVICES AGREEMENT WITH SIX (6) FIRMS
November 2, 2005
REGULAR MEETING
VOTE: 6-1-1-1

Motion made by: Friese
Commissioners Consenting: Warner, Coleman, Lee, Raun, Soon-Ryan
Commissioners Dissenting: Chan
Commissioners Abstaining: Gonzalez
Commissioners Absent: Pool

The Water and Wastewater Commission recommends the Council authorize execution of a professional services agreement with each of the following six (6) firms: TURNER COLLIE & BRADEN, INC., AUSTIN, TX; CAMP DRESSER & MCKEE, INC., AUSTIN, TX; ALAN PLUMMER ASSOCIATES, INC., AUSTIN, TX; BLACK & VEATCH CORPORATION, AUSTIN, TX; WESTON SOLUTIONS, INC., AUSTIN, TX; AND CH2M HILL, INC., AUSTIN, TX for engineering design services for the Water Transmission Main Rotation List 2005-2007 for an estimated period of two (2) years or until financial authorization is expended in an amount not to exceed \$5,500,000.00 with a total of six (6) agreements not to exceed \$5,500,000.00 (estimated approximately \$1,000,000.00 each of the first four (4) top ranked firms and \$750,000.00 for each of the next two (2) ranked firms).

Commissioner Gonzalez abstained on this item because he works with CAS Consulting & Services, Inc. and CAS is on one of the teams selected.

Commissioner Chan dissented on this item not because of any issues with any of the winning firms; rather because of his strong belief that unless there is urgency on the letting of any large contract there needs to be a temporary hold until the procurement review is completed.


Michael Warner, Chairperson
Water and Wastewater Commission

11/2/05
Date

**Public Works Department
Evaluation of Consultant Qualifications**

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Received:

July 11, 2005

Project:

Water Transmission Main Rotation L&I 2005-2007

EVALUATION MATRIX

Project Manager:

Mike Boyle

Firm (or Joint Venture)	Item 1 [Yes or No] MWBE Goals met or G.F.E.	Item 2 [Yes or No] Prime Firm's EEO Program	Item 3 [24] Experience of Project Manager [10] Engineer [8] Principal [6]	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/sub] [30 w/o sub] Firm's Comparable Project Experience	Item 6 [15 w/sub] [0 w/o sub] Subconsultant Firm's Comparable Project Experience	Item 7 [8] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	Item 10 [100] SUB TOTAL	Item 10 [25] Optional Interview	Item 10 [125] TOTAL POINTS
Turner Collie & Braden, Inc.	Yes	Yes	20.96	13.4	13.2	13.2	6.8	10.8	11	89.36		89.36
Camp Dresser & McKee, Inc.	Yes	Yes	20.96	12.6	13.8	13.4	6.8	9.8	11	88.36		88.36
Alan Plummer Assoc., Inc.	Yes	Yes	19.24	11.8	14	13.4	6.6	9.6	11	85.44		85.44
Black & Veatch, Inc.	Yes	Yes	18.64	12	13.2	12.8	6.8	10.8	11	85.24		85.24
Weston Solutions Inc.	Yes	Yes	19.24	13	11.8	12.4	6.6	10.6	11	84.64		84.64
CH2M Hill, Inc.	Yes	Yes	17.6	11.2	13.6	13.2	7.2	10	11	83.8		83.80
Lockwood, Andrews & Newnam, Inc.	Yes	Yes	18.48	11.8	12.2	12.4	7.4	9.8	11	83.08		83.08
Carler & Burgess, Inc.	Yes	Yes	18.96	12.8	12.8	11	6.6	9.8	11	82.96		82.96
Hall Assoc., Inc.	Yes	Yes	17.88	11.8	13.4	11.6	6.6	10.2	11	82.48		82.48
Brown & Caldwell	Yes	Yes	17.2	11.6	12.6	12.6	6.8	10	11	81.8		81.8
K Frisesa & Assoc, Inc. (WBE/PF)	Yes	Yes	17.96	11.8	9.6	12.2	6.8	10	11	79.36		79.36
HDR Engineering, Inc.	Yes	Yes	17.36	11.4	9.8	11.2	7	10	11	77.76		77.76
Freese & Nichols, Inc.	Yes	Yes	14.72	9.8	13	12.2	6.6	9.8	11	77.12		77.12
URS Corp., a Nevada Corp., / Civil Engineering Consultants- JV	Yes	Yes	17.28	11	11.6	10.8	5.8	9.2	11	76.68		76.68

**Public Works Department
Evaluation of Consultant Qualifications**

Composite

Received: July 11, 2005

Project: Water Transmission Main Rotation List 2005-2007

EVALUATION MATRIX

Project Manager: Mike Boyle

Firm (or Joint Venture)	Item 1 [Yes or No] M/WBE Goals met or G.F.E.	Item 2 [Yes or No] Prime Firm's EEO Program	Item 3 [24] Experience of Project Manager [10] Engineer [8] Principal [8]	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/sub] [30 w/o sub] Prime Firm's Comparable Project Experience	Item 6 [15 w/sub] [0 w/o sub] Subcontractor Firm's Comparable Project Experience	Item 7 [8] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	Item 10 [100] SUB TOTAL	Item 10 [25] Optional Interview	Item 10 [125] TOTAL POINTS
PBS & J	Yes	Yes	15.04	10.6	10.4	12.2	7	10	11	76.24		76.24
Binkley & Barfield, Inc.	Yes	Yes	17.98	9.4	10.8	10.4	5.4	8.4	11	73.28		73.28
Martinez, Wright & Mendez, Inc. (MBE/MH)	Yes	Yes	11.84	10.4	8.2	13	7.2	9.6	11	71.24		71.24
Claunth & Miller, Inc. Vickey & Assoc., Inc. (WBE/FR)	Yes	Yes	14.4	10	9.2	12.6	6.8	8.2	11	71.2		71.2
Darrendaum Engineering Corp. Inc.	Yes	Yes	16	8.4	11.2	11.4	5	7.8	11	70.8		70.8
Raymond Chan & Assoc., Inc. (MBE/MA)	Yes	Yes	12.52	9.8	8	12	7	8.6	11	68.92		68.92
Baker-Aicklen & Assoc., Inc.	Yes	Yes	11.76	9.6	8.1	12.8	6.6	8.8	11	68.66		68.66
Klotz Assoc., Inc.	Yes	Yes	14.76	9.4	8.8	10.8	5.8	8	11	68.56		68.56
Hunter Associates	Yes	Yes	14.32	8.8	8.4	11	6.2	7.6	11	67.32		67.32
Othon, Inc.	Yes	Yes	13.24	8	8	11.6	6.4	7.8	11	67.04		67.04
Kurdjian Engineering (MBE/FR) Urban Design Group (WBE/FR)	Yes	Yes	13.44	8.6	8.2	11.4	6	8	11	66.64		66.64
Darcas Engineering Services (MBE/MA)	Yes	Yes	13.76	8.4	7.4	11.6	6.4	8	11	66.56		66.56
Triothoff Consulting Engineers, Inc.	Yes	Yes	13.56	9	8	9.8	6.2	8	11	65.56		65.56
Pate Engineers	Yes	Yes	12.4	9.6	7.1	11	5.6	7	11	63.7		63.7
	Yes	Yes	10.48	9	8	11	6.4	7.8	11	63.68		63.68
	Yes	Yes	10.48	9	8	11.4	5.6	7.8	11	63.28		63.28

**Public Works Department
Evaluation of Consultant Qualifications**

Compoaha

Received: July 11, 2005

Project: Water Transmission Main Relocation List 2005-2007

EVALUATION MATRIX

Project Manager: Mike Boyle

Firm (or Joint Venture)	Item 1 [Yes or No] MWBE Goals met or G.F.E.	Item 2 [Yes or No] Prime Firm's EEO Program	Item 3 [24] Experience of Project Manager [10] Engineer [8] Principal [6]	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/sub] [30 w/o sub] Prime Firm's Comparable Project Experience	Item 6 [15 w/sub] [0 w/o sub] Subconsultant Firm's Comparable Project Experience	Item 7 [6] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	Item 10 [100] SUB TOTAL	Optional Interview [25]	TOTAL POINTS [125]
Bury & Partners, Inc.	Yes	Yes	13.76	7.2	8.8	9.8	6	6.6	11	63.16		63.16
LJA Engineering and Surveying	Yes	Yes	12.2	8.2	7.8	10.4	5.6	7.8	11	62.8		62.8
C Faulkner Engineering, L.P.	Yes	Yes	10.88	9	6.6	11.8	5.4	7.8	11	62.48		62.48
Naismith Engineering, Inc.	Yes	Yes	11.8	8.2	8	10.6	5.2	7.6	11	62.4		62.4
Sunland Group	Yes	Yes	7	7.4	6	10.4	5.4	6.6	11	53.8		53.8
David Allen Consulting Engineers, Inc.	Non-responsive	Yes	0	0	0	0	0	0	0	0		0
Malcom Pirnie, Inc.	Non-responsive	Yes	0	0	0	0	0	0	0	0		0